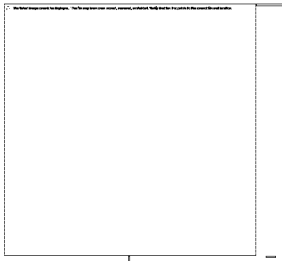


**From:** US EPA Children's Health [kargbo.marcia@epa.gov]  
**Sent:** 9/29/2017 3:49:05 PM  
**To:** Hill-Macon, Cam [Hill-Macon.Cam@epa.gov]  
**Subject:** Welcome to the latest edition of the EPA's Children's Environmental Health Bulletin!

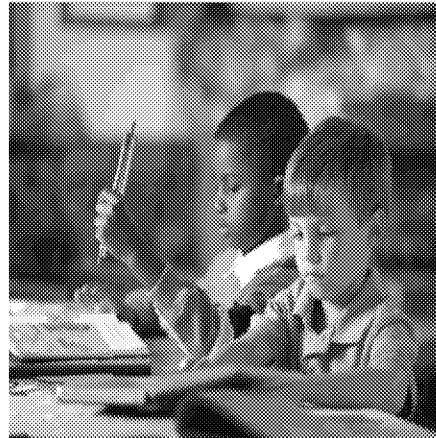


## Office of Children's Health Protection

### Children's Environmental Health Bulletin

Dear Cam,

We created this bulletin to alert you to opportunities for public comment on rulemakings, risk assessments, upcoming outreach activities and other critical developments pertaining to children's environmental health. In addition, we highlight children's health grant opportunities and environmental health information, announcements and upcoming events.



#### In This Month's Bulletin

##### Children's Health Updates

- **October is Children's Health Month**
- **Updated Pediatric Environmental Health Specialty Unit Hurricane and Flooding Information Now Available**

##### Public Comment Opportunities

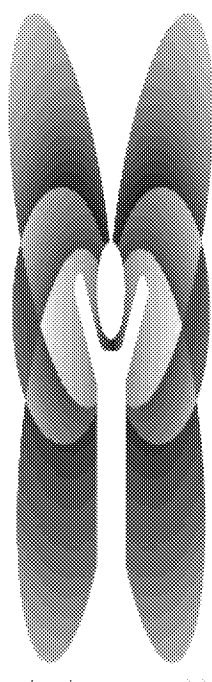
- **Perchlorate in Drinking Water Requests for Public Comment – Comment Periods until October 6 and October 30, 2017**
- **Draft IRIS Assessment Plans for Public Comment Period by October 18, 2017**
- **Draft Risk Assessments for Pesticide Registration Reviews – Comment Period until November 13, 2017**

##### Upcoming Webinars

- **October 18<sup>th</sup>: Victims of Environmental Justice: Issues that threaten the children living in poverty where they live, learn and play**
- 

## Children's Health Announcements

### October is Children's Health Month!



The Environmental Protection Agency celebrates Children's Health Month! Throughout the country (at each ten of the EPA's Regions and at Head Quarters), the agency hosts and participates in a number of activities and events to raise awareness about children's environmental health.

Visit [Children's Health Month 2017](#) for more information.

**Updated Pediatric Environmental Health Specialty Unit Hurricane and Flooding Information Now Available**



The Pediatric Environmental Health Specialty Units (PEHSUs) have updated information on Children's Health in the Aftermath of Flood. The updated page "Children's Health in the Aftermath of Floods" provides information on important health topics for families returning to communities affected by flooding from Hurricanes Harvey and Irma.

Topics include: Mold, Carbon Monoxide Poisoning and Portable Generators, Contaminated Drinking Water, Household Items Contaminated by Floodwaters, Participation in Flood Cleanup Activities, and other topics.

PEHSUs are funded through a cooperative effort of EPA and the Agency for Toxic Substances & Disease Registry.

Visit [Children's Health in the Aftermath of Floods](#) for more information.

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## Public Comment Opportunities

**Perchlorate in Drinking Water Requests for Public Comment – Comment Periods until October 6 and October 30, 2017**



On September 15, 2017, two Federal Register notices seeking public comment on EPA's Safe Drinking Water Act decision-making for perchlorate were published concurrently. EPA has issued a Federal Register notice requesting public comments on the draft report entitled "Proposed Approaches to Inform the Derivation of a Maximum Contaminant Level Goal for Perchlorate in Drinking Water." The purpose of this document is to present revisions to the perchlorate biologically based dose response model to predict the effects of perchlorate on thyroid hormone concentrations in pregnant and lactating women exposed to perchlorate in drinking water and to present alternative approaches that link the revised perchlorate model predictions to neurodevelopmental effects. Comments must be received by EPA on or before **October 30, 2017**. For further information, [click here](#).

EPA has also issued a request for public comments on "an Interim List of Perchlorate in Drinking Water Expert Peer Reviewers and Draft Peer Review Charge Questions." Comments received on this notice will be considered in selecting the final peer review panel and to help inform the final peer review panel's charge. Peer reviewers will be charged with evaluating and preparing written comments on EPA's draft

Maximum Contaminant Level Goal Approaches Report, described above. Comments must be received on or before **October 6, 2017**.

For further information, [click here](#).

### **Draft Integrated Risk Information System Assessment Plans for Public Comment Period by October 18, 2017 and Public Meeting**

EPA is releasing draft Integrated Risk Information System Assessment Plans for public comment. These documents communicate information on the scoping needs identified by EPA program and regional offices and the Integrated Risk Information System Program's initial problem formulation activities. Specifically, the assessment plans outline the objectives for each assessment and the type of evidence considered most pertinent to address the scoping needs. The documents are available at the Integrated Risk Information System's Recent Additions at <http://www.epa.gov/iris/iris-recentadditions> or at <http://www.regulations.gov> at the following dockets

- **Nitrate/Nitrite:** Docket ID: EPA-HQ-ORD-2017-0496
- **Chloroform:** Docket ID: EPA-HQ-ORD-2017-0497
- **Ethylbenzene:** Docket ID: EPA-HQ-ORD-2014-0526

All three Integrated Risk Information System assessment plans include children in their PECO (Populations, Exposures, Comparators, and Outcomes) statements.

For more information, [click here](#).

These assessment plans were discussed during the September 27-28 Science Advisory Board (SAB) Chemical Assessment Advisory Committee (CAAC) peer consultation meeting. For more on this meeting, see: <https://www.gpo.gov/fdsys/pkg/FR-2017-09-06/pdf/2017-18764.pdf> or [click here](#).

### **Draft Risk Assessments for Pesticide Registration Reviews – Comment Period until November 13, 2017**

Registration review is EPA's periodic review of pesticide registrations to ensure that each pesticide continues to satisfy the statutory standard for registration, that is, the pesticide can perform its intended

function without unreasonable adverse effects on human health or the environment. As part of the registration review process, the Agency has completed comprehensive draft human health and/or ecological risk assessments for a number of pesticides. Comments must be received on or before **November 13, 2017**. (Please note that only children's health concerns are highlighted here.) For additional information, see <https://www.gpo.gov/fdsys/pkg/FR-2017-09-13/pdf/2017-19463.pdf>.

- **Dichlobenil** is an herbicide used on some fruit and nuts and also on nursery stock, patios, shorelines, and outdoor premises. A spray drift assessment resulted in exposure estimates of concern for children 1<2 years old. For the Draft Human Health Risk Assessment for dichlobenil, see: <https://www.regulations.gov/document?D=EPA-HQ-OPP-2012-0395-0025>.
- **Etofenprox** is a pyrethroid-like insecticide used in residential and commercial settings, as a mosquitocide, and in agriculture on rice. There are residential post-application scenarios with exposure estimates of concern to children 1<2 years old, specifically from aerosol sprays. For the Draft Human Health Risk Assessment for etofenprox, see: <https://www.regulations.gov/document?D=EPA-HQ-OPP-2007-0804-0036>.
- **S-Ethyl Dipropylthiocarbamate (EPTC)** is an herbicide registered to control the growth of germinating annual weeds on several agricultural, tree, and orchard crops. A spray drift assessment resulted in exposure estimates of concern for children 1<2 years old. For the Draft Human Health Risk Assessment for EPTC, see: <https://www.regulations.gov/document?D=EPA-HQ-OPP-2012-0720-0020>.
- **Imidacloprid** is a neonicotinoid insecticide registered for uses on a variety of crops, on ornamental turf/plants, lawns and gardens, pets, and indoor areas. Post-application exposures of concern were identified for pet collars use for children 1<2 years old. For the Draft Human Health Risk Assessment for imidacloprid, see: <https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0844-1235>.
- **Lambda- and Gamma-Cyhalothrin** are pyrethroid insecticides used on agricultural crops, in food handling establishments and in landscaping. Acute dietary (food only) exposure estimates are of concern for all infants <1 year, children 1<2 and 3<5 years old. All residential scenarios resulted in exposures of concern for children 1<2 years old. For the Draft Human Health Risk Assessment for lambda- and gamma-cyhalothrin, see: <https://www.regulations.gov/document?D=EPA-HQ-OPP-2010-0479-0049> or <https://www.regulations.gov/document?D=EPA-HQ-OPP-2010-0480-0299>.
- **Metribuzin** is an herbicide used in vegetable and field crops as well as in non-crop areas including residential turfgrass. Residential post-application assessment conducted for exposures in residential lawns, recreational areas, and golf courses resulted in exposure estimates of concern for children 1<2, 6<11, and 11<16 years old. A spray drift assessment resulted in exposure estimates of concern for children 1<2 years old. For the Draft Human Health Risk Assessment for metribuzin, see: <https://www.regulations.gov/document?D=EPA-HQ-OPP-2012-0487-0022>.
- **Oxamyl** is a N-methyl carbamate (NMC) insecticide, acaricide, and nematocide used on a variety of food and feed crops. The acute dietary (food and drinking water) is just below the level of concern for infants and a spray drift assessment resulted in exposure estimates of concern for children 1<2 years old. For the Draft Human Health Risk Assessment for oxamyl, see: <https://www.regulations.gov/document?D=EPA-HQ-OPP-2010-0028-0027>.
- **Permethrin** is a pyrethroid insecticide registered for a wide variety of indoor and outdoor residential, institutional, industrial, agricultural, and animal uses, as well as public health mosquito abatement and as an insect repellent in impregnated fabrics. Permethrin is classified as "Likely to be Carcinogenic to Humans". Residential post-application exposure is of concern for children 3<6 years old from indoor barn misting systems following "initial cleanout" application rates. For the Draft Human Health Risk Assessment for permethrin, see: or <https://www.regulations.gov/document?D=EPA-HQ-OPP-2011-0039-0088>.
- **Pyrethrins** are pyrethroid insecticides registered for a wide variety of indoor and outdoor residential, industrial/commercial, agricultural, animal uses, as well as public health mosquito abatement. Several residential use scenarios result in exposures of concern for children 1<2 and 3<6 years old. For the Draft Human Health Risk Assessment for pyrethrins, see: <https://www.regulations.gov/document?D=EPA-HQ-OPP-2011-0885-0061>.
- **Trifloxystrobin** is a fungicide registered for use on a variety of agricultural crops, as a seed treatment, and on turf, sod farms, and ornamentals. The short-term aggregate exposure estimate is of concern for children 1<2 years old at the highest registered turf application rate. For the Draft Human Health Risk Assessment for trifloxystrobin, see: <https://www.regulations.gov/document?D=EPA-HQ-OPP-2013-0074-0020>.

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## Upcoming Webinars

**Victims of Environmental Justice: Issues that threaten the children living in poverty where they live, learn and play**

**When: October 18, 2017 at 1pm EDT**

Presented by Dr. Jennifer Lowry, Chief, Section of Toxicology and Environmental Health, Children's Mercy Hospitals and Clinics in Kansas City, MO and Pediatric Environmental Health Specialty Units Region 7, the learning objectives are

- Describe environmental injustice issues related to children living in poverty where they live, learn and play.
- Develop strategies to address environmental injustice issues related to children seen in the pediatric setting.

For more information and to register, go to:

[http://www.pehsu.net/PEHSU\\_Grand\\_Rounds\\_October\\_2017.html](http://www.pehsu.net/PEHSU_Grand_Rounds_October_2017.html)

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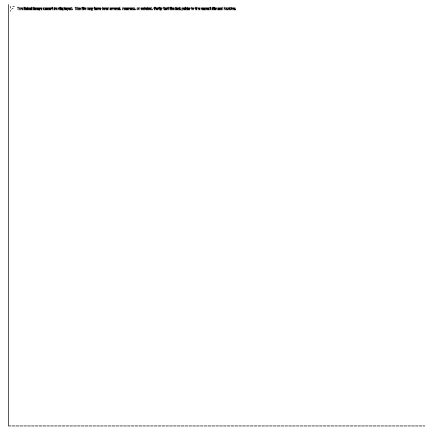
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